

East : USPB USPTWPID, JPO

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|--------------------|------------------|---------|------------------|
| L1 | 1035 | heo2 or heo | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:43 |
| L2 | 384345 | he or helium | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:54 |
| L3 | 522663 | "o2" or "o.sub.2" or oxygen | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:54 |
| L4 | 14819 | 2 with 3 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:44 |
| L5 | 137 | "heo2" or "heo.sub.2" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:54 |
| L6 | 172828 | micron or keller-d\$ | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:44 |
| L7 | 2436840 | etch\$ or patern\$ or remov\$ | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:54 |
| L8 | 3733 | 7 same (4 or 5) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:45 |
| L9 | 273 | keller-d\$ | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:55 |
| L10 | 20 | 8 and 9 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:46 |
| L11 | 3071 | "1st etch\$" or "first etch\$" or "1 st etch\$" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:56 |
| L12 | 3052 | "2nd etch\$" or "2 nd etch\$" or "second etch\$" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:56 |
| L13 | 545 | "3rd etch\$" or "third etch\$" or "3 rd etch\$" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:56 |
| L14 | 5 | 8 same 11 same 12 same 13 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:49 |
| L15 | 20 | 10 not 14 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 15:50 |
| L16 | 72027 | he or helium | JPO; DERWENT | OR | OFF | 2005/06/06 15:54 |
| L17 | 309988 | "o2" or "o.sub.2" or oxygen | JPO; DERWENT | OR | OFF | 2005/06/06 15:54 |
| L18 | 16 | "heo2" or "heo.sub.2" | JPO; DERWENT | OR | OFF | 2005/06/06 15:54 |
| L19 | 1679456 | etch\$ or patern\$ or remov\$ | JPO; DERWENT | OR | OFF | 2005/06/06 15:54 |
| L20 | 271 | keller-d\$ | JPO; DERWENT | OR | OFF | 2005/06/06 15:55 |
| L21 | 3832 | (16 and 17) or 18 | JPO; DERWENT | OR | OFF | 2005/06/06 15:55 |
| L22 | 2 | 21 and 19 and 20 | JPO; DERWENT | OR | OFF | 2005/06/06 15:55 |

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| L23 | 543 | "1st etch\$" or "first etch\$" or "1 st etch\$" | JPO; DERWENT | OR | OFF | 2005/06/06 15:56 |
| L24 | 523 | "2nd etch\$" or "2 nd etch\$" or "second etch\$" | JPO; DERWENT | OR | OFF | 2005/06/06 15:56 |
| L25 | 68 | "3rd etch\$" or "third etch\$" or "3 rd etch\$" | JPO; DERWENT | OR | OFF | 2005/06/06 15:57 |
| L26 | 8 | (16 or 17) and 23 and 24 and 25 | JPO; DERWENT | OR | OFF | 2005/06/06 15:57 |
| L27 | 13629 | oe or overetch\$ or "over etch\$" | JPO; DERWENT | OR | OFF | 2005/06/06 16:11 |
| L28 | 65701 | me or "main etch\$" | JPO; DERWENT | OR | OFF | 2005/06/06 16:12 |
| L29 | 133 | preetch\$ or "pre etch\$" | JPO; DERWENT | OR | OFF | 2005/06/06 16:12 |
| L30 | 0 | (16 or 17) and 27 and 28 and 29 | JPO; DERWENT | OR | OFF | 2005/06/06 15:59 |
| L31 | 9 | (23 or 29) and (24 or 28) and (27 or 25) and (16 or 17) | JPO; DERWENT | OR | OFF | 2005/06/06 16:00 |
| L32 | 11 | 22 or 26 or 31 | JPO; DERWENT | OR | OFF | 2005/06/06 16:02 |
| L33 | 17 | "3 stage etch\$" or "three stage etch\$" or "3 step etch\$" or "three step etch\$" | JPO; DERWENT | OR | OFF | 2005/06/06 16:03 |
| L34 | 3 | (16 or 17) and 33 | JPO; DERWENT | OR | OFF | 2005/06/06 16:02 |
| L35 | 2 | 34 not 32 | JPO; DERWENT | OR | OFF | 2005/06/06 16:03 |
| L36 | 80 | "3 stage etch\$" or "three stage etch\$" or "3 step etch\$" or "three step etch\$" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:04 |
| L37 | 0 | (4 or 5) same 7 same 36 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:05 |
| L38 | 0 | 7 same 36 same 2 same 3 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:05 |
| L39 | 24 | 7 same 36 same 3 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:05 |
| L40 | 0 | 39 same (inert or diluent or dilut\$) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:06 |
| L41 | 4 | 39 same (ar or kr or xe or ne or argon or krypton or xenon or neon) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:07 |
| L42 | 2 | 39 same (conductor or poly or polysi\$ or polyc\$ or gate) | US-PGPUB; USPAT | OR | ON | 2005/06/06 16:08 |
| L43 | 10 | 39 same (silicon or silicide or polycide) | US-PGPUB; USPAT | OR | ON | 2005/06/06 16:08 |

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| L44 | 11 | 42 or 43 | US-PGPUB; USPAT | OR | ON | 2005/06/06 16:08 |
| L45 | 32995 | oe or overetch\$ or "over etch\$" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:11 |
| L46 | 95119 | me or "main etch\$" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:12 |
| L47 | 532 | preetch\$ or "pre etch\$" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:13 |
| L48 | 7 | (4 or 5) same (12 or 46) same (13 or 45) same (11 or 47) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:15 |
| L49 | 2 | 48 not (10 or 14) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:15 |
| L50 | 6 | 2 same 3 same (12 or 46) same (13 or 45) same (11 or 47) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:17 |
| L51 | 0 | 40 not 48 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:16 |
| L52 | 35 | 3 same (12 or 46) same (13 or 45) same (11 or 47) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:17 |
| L53 | 29 | 52 not (48 or 10 or 14) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:25 |
| L54 | 0 | 50 not (48 or 10 or 14) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:18 |
| L55 | 65733 | hbr or hydrobromic or "hydrogen bromide" | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:22 |
| L56 | 498 | 2 with 3 with 55 with 7 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:23 |
| L57 | 64 | 5 with 55 with 7 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:23 |
| L58 | 222 | (56 or 57) same step | US-PGPUB; USPAT | OR | ON | 2005/06/06 16:24 |
| L59 | 90881 | step with etch\$ | US-PGPUB; USPAT | OR | ON | 2005/06/06 16:24 |
| L60 | 191 | 58 same 59 | US-PGPUB; USPAT | OR | ON | 2005/06/06 16:24 |
| L61 | 188 | 60 not (48 or 10 or 14 or 53) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:26 |
| L62 | 8291 | stage with etch\$ | US-PGPUB; USPAT | OR | ON | 2005/06/06 16:26 |
| L63 | 32 | (56 or 57) same 62 | US-PGPUB; USPAT | OR | ON | 2005/06/06 16:26 |
| L64 | 32 | 63 not (48 or 10 or 14 or 53) | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:27 |
| L65 | 205 | 61 or 64 | US-PGPUB; USPAT | OR | OFF | 2005/06/06 16:27 |